

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 01-Apr-2015

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757 BZ761

EPA 598

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)

Mission Assignment No:

D.O. Voucher No.BU. Voucher No.Bill No.Paid By Check No.Collection Vou. No.

27072333

Partial # 94 02-Mar-2015 Thru 01-Apr-2015

**Billed Office (Mail To):**U.S. ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI OH 45268-7002**Billing Office (Send Remittance To):**USACE FINANCE CENTER G5  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

**Billed Accounting Classification**

068 068 X 8145.0000 2007 00 0000 000000000000 00000

**Billing Accounting Classification**

\$234,292.69 096 NA X 3122.0000 G5 08 2416 868 022125 96231 \$234,292.69

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$220,380.00
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP		\$1,359.40
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$3,731.01
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$1,049.35
1	INHOUSE - LABOR	LABOR		\$7,772.93
<b>Subtotal:</b>				<b>\$234,292.69</b>

**CORPS CERTIFICATION**  
 "I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR  
 THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT  
 REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND  
 SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR  
 FUNDS AS INDICATED."

27 APR 15

DATE

SIGNATURE

Elizabeth A. Franklin  
Project Manager

**Funds Authorized:** \$12,100,000.00  
**Total Billed Amount:** \$9,866,466.97  
**Prev Billed Amount:** \$9,632,174.28  
**Current Billed Amount:** \$234,292.69  
**Total Flux Billed:** \$0.00  
**Prev Flux Billed:** \$0.00  
**Current Flux Billed:** \$0.00

**CERTIFICATE OF OFFICE BILLED**

I certify that the above articles were received and accepted or the services performed as stated and  
 should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance  
 payment requested is approved and should be paid as indicated.

Date:

Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ  
IA Number: DW96942125

MONTHLY REPORT FOR MARCH 2015

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$12,100,000.00	\$0.00	\$12,100,000.00
Less Total Expenditures: (-)	\$9,866,466.97	\$0.00	\$9,866,466.97
Less Undelivered Orders: (-)	\$1,961,242.81	\$0.00	\$1,961,242.81
Less Commitments: (-)	\$13,915.70	\$0.00	\$13,915.70
Funds Available Balance:	\$258,374.52	\$0.00	258,374.52

BILLING ACTIVITY (096X3122):

Bill Number: 27072333

Funds Expended During Report Period: \$234,292.69  
Total Billed to Date: \$9,866,466.97

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period: \$0.00  
Total Expended to Date: \$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ  
IA Number: DW96942125

Bill Number: 27072333  
Bill Invoice Date: 01-APR-2015

Monthly Billing Amount(096X3122): \$234,292.69

Monthly Direct Fund Cite Contract Cost(068X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$4,858.09	\$192,922.12	\$197,780.21
b Fringe Benefits	\$2,914.84	\$104,332.84	\$107,247.68
c Travel	\$1,359.40	\$22,516.56	\$23,875.96
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$220,380.00	\$8,940,139.24	\$9,160,519.24
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$186,304.69	\$186,304.69
i Total Direct Charges	\$229,512.33	\$9,446,215.45	\$9,675,727.78
j Total Indirect Charges	\$4,780.36	\$185,958.83	\$190,739.19
k TOTAL	\$234,292.69	\$9,632,174.28	\$9,866,466.97

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	\$208.58
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	88.50	\$11,889.29
WILLIAM J HILL	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	3.50	\$324.51

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:  
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Individual -----	Location -----	Function -----	Hours -----	Labor Amount -----
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00 -----	\$130.91 -----
TOTAL LABOR:			95.00	\$12,553.29

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## Progress Report for EPA Region II

<b>Site:</b>	<b>Diamond Alkali, Lower Passaic River (Extended Study):</b> RI/FS Oversight, New Jersey		<b>Phase:</b>	<b>RI/FS, OU4</b>	
<b>Bill No.:</b>	<b>Partial #94</b> 27072333	<b>IAG No.:</b> NWK	<b>IAG: DW96942125/BZ761</b> IAG Award Date: 8/31/07	<b>IAG Expiration Date:</b> 3/31/18	<b>Other Corps</b> P2 #147757/FWI 96B4B2 OWI 85F343/5L3H49
<b>Reporting Period:</b>	<b>From:</b> March 2, 2015	<b>To:</b> April 1, 2015	<b>EPA RPM</b> Stephanie Vaughn		<b>USACE PM</b> Elizabeth Franklin
<b>Work Performed</b>					

<b>Work Performed</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> On 3, 16 and 31 Mar 2015, participated in project progress conference calls with EPA/COE/CDM/LBG/HDR/BAT.</li> <li><input type="checkbox"/> Funding. No funding received during the reporting period.</li> <li><input type="checkbox"/> Team Calls. On 9, 16, 23 15 and 30 Mar 15, participated in weekly manager's call.</li> <li><input type="checkbox"/> CDM Task Order 0005; Mod 06 <ul style="list-style-type: none"> <li><input type="checkbox"/> On 20 Mar 15, received HDR Subcontract Consent Package.</li> <li><input type="checkbox"/> On 23 Mar 15, provided technical review comments and noted several editorial errors that would require correction prior to approval. Contract office forwarded comments to CDM.</li> <li><input type="checkbox"/> On 23 Mar 15, CDM corrected information in consent package and resubmitted.</li> <li><input type="checkbox"/> On 24 Mar 15, conference call held with CDM regarding the consent package. Contracting specialist (J. Hill) stated the information and corrections needed to process this request.</li> <li><input type="checkbox"/> On 25 Mar 15, CDM submitted revised consent package.</li> <li><input type="checkbox"/> On 26 Mar 15, noted the missing items again that would be required for processing the subcontract consent package.</li> <li><input type="checkbox"/> On 27 Mar 15, CDM submitted revised consent package including the missing information. Final review performed and consent package was forwarded to Contracting Officer for final approval.</li> <li><input type="checkbox"/> On 27 Mar 15, Contracting Officer signed the HDR Subcontract Consent Package.</li> <li><input type="checkbox"/> On 27 Mar 15, discussed the process and QC effort by CDM on this submittal. The delay in submission, together with multiple revisions required is a process CDM was informed needs to be revisited and avoided in the future.</li> </ul> </li> <li><input type="checkbox"/> CDM Task Order 0005; WVN's <ul style="list-style-type: none"> <li><input type="checkbox"/> Discussed WVN 15 with D. Marabello and decided CDM should submit WVN prior to award of the next contract modification.</li> <li><input type="checkbox"/> On 19 Mar 15, draft WVN 15 was submitted.</li> <li><input type="checkbox"/> On 23 Mar 15, provided comment on WVN (missing information identified to CDM).</li> <li><input type="checkbox"/> On 27 Mar 15, revised WVN 15 submitted. Backcheck underway.</li> <li><input type="checkbox"/> Anticipate WVN approval during next reporting period.</li> </ul> </li> <li><input type="checkbox"/> Team Personnel/Meetings. <ul style="list-style-type: none"> <li><input type="checkbox"/> During the entire reporting period, conversations were held with D. Marabello regarding CDM Project Quality Management effort.</li> <li><input type="checkbox"/> The PQM process was determined as met per meetings held with USACE/EPA in December and January. CDM held an internal meeting to summarize key areas of focus for the PQM efforts.</li> </ul> </li> <li><input type="checkbox"/> RM 10.9 <ul style="list-style-type: none"> <li><input type="checkbox"/> On 31 Mar 15, participated in conference call to discuss the CPG LTMP.</li> </ul> </li> <li><input type="checkbox"/> Cost Recovery. <ul style="list-style-type: none"> <li><input type="checkbox"/> From 4-9 Mar 15, communication regarding format and exact billing period with S. Flanagan and adjusted the previously sent information to match the cost recovery period needed.</li> </ul> </li> <li><input type="checkbox"/> Invoices. TO 0005. <ul style="list-style-type: none"> <li><input type="checkbox"/> Invoice #32 charges are reflected in this reporting period.</li> <li><input type="checkbox"/> On 3 Mar 15, reviewed and approved CDM Invoice #31, totaling \$58,417, for period 26 Oct – 29 Nov 14.</li> <li><input type="checkbox"/> On 19 Mar 15, reviewed and approved CDM Invoice #33, totaling \$66,372, for period 4 Jan – 31 Jan 15.</li> </ul> </li> </ul>
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**Progress Report for EPA Region II**

<b>Work Performed (cont.)</b>	<ul style="list-style-type: none"><li><input type="checkbox"/> On 4, 5, and 6 Mar 15, participated in conference calls to discuss the upcoming COPC meeting.</li><li><input type="checkbox"/> On 11 Mar 15, traveled to EPA R2 offices and attended the meeting with EPA, CDM team and CPG to discuss the COPC.</li><li><input type="checkbox"/> On 18 Mar 15, participated in conference call to discuss the depth of exposure and bioaccumulation model.</li><li><input type="checkbox"/> On 23 Mar 15, specifically discussed the quality control plan for RI review team. CDM to prepare details of personnel and checklist to be used for specific sections of the RI comments.</li><li><input type="checkbox"/> On 24 Mar 15, CDM provided details of the quality control reviews that are planned for the RI. Reviewed this information and discussed with D. Marabello.</li><li><input type="checkbox"/> On 30 Mar 15, prepared and submitted Contractor Performance Assessment Report (CPAR) for CDM.</li><li><input type="checkbox"/> Schedule.<ul style="list-style-type: none"><li><input type="checkbox"/> CDM current deliverable table is dated 30 Mar 15.</li><li><input type="checkbox"/> CPG current schedule is dated 23 May 14.</li></ul></li><li><input type="checkbox"/> Preparation of Progress Report and Project Expenditure spreadsheet. .</li></ul>
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## Progress Report for EPA Region II

Key Contract Milestones  
Completed to Date

- ☐ **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
  - ☐ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
  - ☐ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
- ☐ **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
  - ☐ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
  - ☐ 5 Mar 09 – Modification 0001 was awarded for \$69,772.
  - ☐ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
  - ☐ 3 Aug 09 – Modification 0003 was awarded for \$378,843.
  - ☐ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
  - ☐ 1 Sep 09, Mod 5 (admin in nature) was signed.
  - ☐ 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
  - ☐ 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
  - ☐ 28 Dec 10, Mod 8 was awarded, totaling \$54,473.
- ☐ **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
  - ☐ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
  - ☐ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
  - ☐ 25 Aug 09; Mod 2 (admin in nature) was signed.
  - ☐ 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
  - ☐ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
  - ☐ 14 May 10; Mod 8 was awarded, totaling \$140,000.
  - ☐ 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
  - ☐ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
  - ☐ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
  - ☐ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA 1975).
  - ☐ 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
- ☐ **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
  - ☐ 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
  - ☐ 24 Jan 12 – Mod 1 (admin in nature) was signed.
  - ☐ 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
  - ☐ 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
  - ☐ 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.
  - ☐ 14 Feb 14 – Mod 5 was awarded, totaling \$900,000.
  - ☐ 4 Feb 15 – Mod 6 was awarded, totaling \$1,100,000.
- ☐ **LBG Task Order 0001; Contract W912DQ-11-D-3009, Expiration Date – 17 Nov 2016**
  - ☐ 26 Nov 13 – Mod 7 was awarded, IA funds totaling \$11,522 (for Kern Statistical).
  - ☐ 9 May 14 - Mod 9 was awarded, IA funding totaling \$64,533 (for Kern Statistical and RM 10.9 sample storage).

## Progress Report for EPA Region II

<b>Contractor Actions/ Accomplishments</b>	<b>CDM</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, and participated in team meetings and conference calls. Several other contract management submittals were processed during the reporting period. Additional information may be found in the CDM Progress Report covering period March 1 – April 4, 2015 (progress report dated April 27, 2015).</li> <li><input type="checkbox"/> River Mile 10.9 Water Main Survey <ul style="list-style-type: none"> <li>o Travel charges during the reporting period.</li> </ul> </li> <li><input type="checkbox"/> River Mile 10.9 Removal Action Oversight. <ul style="list-style-type: none"> <li>o On 31 Mar 15, participated in team conference call to discuss CPG LTMP.</li> <li>o On 1 Apr 15, participated in conference call with team and CPG to discuss CPG LTMP.</li> <li>o Organization of files for RM 10.9 field efforts.</li> </ul> </li> <li><input type="checkbox"/> CDM Fieldwork Oversight.</li> <li><input type="checkbox"/> CDM Oversight Reporting. <ul style="list-style-type: none"> <li>o Review complete of the CPG's RTC and revised Low Resolution Coring Supplemental Sampling Program Characterization Summary, LPRSA RI/FS. Comments planned for submittal on 2 Apr 15.</li> </ul> </li> <li><input type="checkbox"/> CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> <li>o Provided data management support to EPA, team members and partner agencies.</li> <li>o Completed dataset modification to organize data into analyte groups for data retrieval improvement and report functionality.</li> <li>o Continue to investigate methods to export dataset from Microsoft Access for transmittal to PVSC.</li> </ul> </li> <li><input type="checkbox"/> CSO/SWO Sampling Oversight <ul style="list-style-type: none"> <li>o CDM received Tierra's electronic data file for Phase 1 CSO/SWO.</li> <li>o Review resumed on Tierra's Combined Sewer Overflow/Stormwater Outfall Investigation Phase 1 Evaluation/Recommendation Report (dated October 2014) upon receipt of associated electronic data files.</li> </ul> </li> <li><input type="checkbox"/> Modeling (HDR). <ul style="list-style-type: none"> <li>o On 18 Mar 15, participated in conference call to discuss biological depth of exposure and BAZ as it relates to modeling.</li> <li>o Several ongoing reviews with specific details noted in the CDM progress report.</li> <li>o Awaiting revisions to the CPG sedtran model calibration and projection runs for review.</li> <li>o Review ongoing for the carbon simplification model code and related correspondence. Have verified some model reproducibility. Awaiting further documentation from the CPG.</li> <li>o Continued to review the contaminant model code and model outputs. Generation of numerous figures to assist in model review and examine trends.</li> <li>o Continued to review the bioaccumulation model</li> <li>o Participated in conference calls as noted in the CDM Progress Report.</li> </ul> </li> <li><input type="checkbox"/> CPG Risk Assessment. <ul style="list-style-type: none"> <li>o On 18 Mar 15, participated in conference call to discuss biological depth of exposure and BAZ as it relates to modeling.</li> </ul> </li> <li><input type="checkbox"/> RI/FS Documents <ul style="list-style-type: none"> <li>o Review underway by the entire CDM team of the CPG's Draft LPRSA RI/FS Remedial Investigation Report, dated February 2015.</li> <li>o Internal team coordination and meetings held regarding review of the RI/FS Report.</li> <li>o Participated in follow up work regarding the COPC mapping interpolation issue.</li> <li>o More detail contained in the CDM Progress Report.</li> </ul> </li> <li><input type="checkbox"/> Data Evaluation.</li> <li><input type="checkbox"/> 17 Mile Schedules. <ul style="list-style-type: none"> <li>o CDM current deliverable table is dated 30 Mar 15.</li> <li>o CPG current schedule is dated 25 May 14.</li> </ul> </li> </ul>
<b>Meetings</b>	<ul style="list-style-type: none"> <li>• Continuation of internal team calls and additional coordination meetings/conference calls with CPG.</li> </ul>
<b>Key Milestones Forthcoming</b>	<ul style="list-style-type: none"> <li>• As noted in the schedules and/or verbal updates.</li> </ul>
<b>Issues</b>	
<b>Technical:</b>	<ul style="list-style-type: none"> <li>• Issues are worked in an ongoing basis as discussions held between the EPA and CPG.</li> </ul>
<b>Schedule</b>	<ul style="list-style-type: none"> <li>• EPA discusses schedule items with the CPG as needed.</li> </ul>



## Progress Report for EPA Region II

Funding:

- None at this time.

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/13	-	-	\$10,000,000
900,000	0	0	2/7/14	-	-	\$10,900,000
1,200,000	0	0	11/21/14	-	-	\$12,100,000

## Progress Report for EPA Region II

<b>Expenditures: USACE and Contract</b>				
<b>Summary of Funds Spent Per Activity &amp; Funding Remaining</b>				
<b>Description</b>	<b>Funds for Activity</b>	<b>Funds Disbursed this Month</b>	<b>Funds Disbursed to Date</b>	<b>Funds Remaining</b>
<b>MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07</b>	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
<b>MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09</b>	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 <sup>Note 1</sup>	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
<b>CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)</b>	<b>\$160,000.00</b>	<b>\$0.00</b>	<b>\$160,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 <sup>Note 2</sup>	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 <sup>Note 3</sup>	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 <sup>Note 4</sup>	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 <sup>Note 5</sup>	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 <sup>Note 6</sup>	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00

## Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
<b>CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11</b>	<b>\$770,000.00</b>	<b>\$0.00</b>	<b>\$770,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$0.00	\$1,500,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$71,725.00	\$1,200,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$148,655.00	\$148,655.00	\$751,345.00
LBG: Contract W912DQ-11-D-3009; Task Order 0005/Mod 6; awarded 4 Feb 15 ( <i>note Mod was placed under TO 0001 below last month - apologize for misplacement- it is TO 0005 Mod</i> )	\$1,100,000.00	\$0.00	\$0.00	\$1,100,000.00
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 26 Nov 13</b>	<b>\$11,522.00</b>	<b>\$0.00</b>	<b>\$11,522.00</b>	<b>\$0.00</b>
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 9; awarded 8 May 14</b>	<b>\$64,533.00</b>	<b>\$0.00</b>	<b>\$17,881.86</b>	<b>\$46,651.14</b>
<b>Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g + \$2,491 on Page 2 IAG)</b>	<b>\$11,113,590.00</b>	<b>\$220,380.00</b>	<b>\$9,160,519.24</b>	<b>\$1,953,070.76</b>
Kansas City Corps In-House Labor/Travel - 17 Mile	\$791,948.23	\$13,719.82	\$488,521.32	\$272,290.22
Kansas City Corps In-House Labor/Travel - RM 10.9		\$192.87	\$26,689.54	
Kansas City Corps In-House Labor/Travel - Tierra Pipeline Survey		\$0.00	\$2,115.01	
Kansas City Corps In-House Labor/Travel - CSO/SWO*		\$0.00	\$2,332.14	
Superfund M&S Fee - 17 Mile (no longer used)	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9 (no longer used)		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$6,865.56	\$5,134.44
<b>Subtotal - Summary of Labor/M&amp;S Fee</b>	<b>\$986,410.00</b>	<b>\$13,912.69</b>	<b>\$705,947.73</b>	<b>\$280,462.27</b>
<b>Grand Total - Contract/Corps</b>	<b>\$12,100,000.00</b>	<b>\$234,292.69</b>	<b>\$9,866,466.97</b>	<b>\$2,233,533.03</b>

\* In September 2014 reporting period; the labor cost to date was incorporated into this tracking table. A total of \$2,300 to date has been incurred and future costs will be tracked in this table.

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

Contract funding available includes a bit of technical assistance labor funding; shift approved by EPA.

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**Progress Report for EPA Region II**

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**IAG Scope of Work Summary (block 13 of IAG)**

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

**Project Delivery Team**

<i>Name</i>	<i>Contact Information</i>	<i>Responsibility</i>
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3827	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Irvin Gray	(816) 389-3146	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin  
Project Manager  
27 June 2015

Expenditures: USACE and Contract				
Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 <sup>Note 1</sup>	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 <sup>Note 2</sup>	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 <sup>Note 3</sup>	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 <sup>Note 4</sup>	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 <sup>Note 5</sup>	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 <sup>Note 6</sup>	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$0.00	\$1,500,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$71,725.00	\$1,200,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$148,655.00	\$148,655.00	\$751,345.00
LBG: Contract W912DQ-11-D-3009; Task Order 0005/Mod 6; awarded 4 Feb 15 (note Mod was placed under TO 0001 below last month - apologize for misplacement- it is TO 0005 Mod)	\$1,100,000.00	\$0.00	\$0.00	\$1,100,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 26 Nov 13	\$11,522.00	\$0.00	\$11,522.00	\$0.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 9; awarded 8 May 14	\$64,533.00	\$0.00	\$17,881.86	\$46,651.14
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MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
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Contract funding available includes a bit of technical assistance labor funding; shift approved by EPA.

shel hourly rate is 103.57  
hourly rate is 128.58

%1856601 - MIPR number CLOSED 19 Sep 13  
%1130361 - MIPR

%612386 - MIPR created 20 Sep 13

Contracts	\$1,953,070.76
MIPRs	\$8,172.05
Undelivered Orders==>	\$1,961,242.81

\$86,615.38	TOTAL MIPRS
\$99,674.34	TOTAL M&S
\$519,658.01	TOTAL HIRED LABOR
\$29,403.86	TOTAL LBG Kern

## PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site  
Project: Task Order 6424.005 CPG Oversight  
Prepared by: Frank Tsang (revised by David Marabello)  
Representing: CDM Federal Programs Corporation (CDM Smith)  
Date: December 16, 2014 (revised December 4, 2015)  
Reporting Period: October 26, 2014 to November 29, 2014

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

### **WAD 1, Work Order (WO) 1 – Project Management and Administration**

#### 1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls. Searched for and identified RI/FS task leaders and additional senior technical reviewers.
- CDM Smith updated and submitted the project organization chart.
- CDM Smith attended a conference call with the USACE on November 10, 2014 to discuss the proposal.
- CDM Smith, EPA and USACE met on November 13, 2014 at the EPA Region 2 office to negotiate proposal for CPG Oversight in 2015.
- Based on EPA and USACE comments, CDM Smith revised and submitted a draft negotiated proposal on November 20, 2014.
- CDM Smith prepared ATP 15.
- WVN 10 was approved on October 27, 2014.
- Indirect rate adjustments occurred during this period for FY2013.

#### 1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the October 2014 monthly progress report.

#### 1.1.3 Subcontract Administration

- CDM Smith performed subcontract maintenance and processed subcontractor invoices (HDR Engineering, Inc. and Richard Chappell).

#### 1.1.4 Project Communication

- On October 28, November 10 and 25, 2014, CDM Smith updated agendas and participated in bi-weekly conference calls.
- On October 27, November 3, 10, 18 and 24, 2014, CDM Smith prepared for and participated in weekly project status calls with EPA and USACE.

### **WAD 1, WO 2 – Community Relations/Public Website**

#### 1.2.1 Public Meeting Support

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

## WAD 1, WO 3 – Senior Technical Advisors

### 1.3.1 Senior Technical Advisor

- No activity.
- Funding for this WO is \$56,000 thru WVN 7/ATP 13 approved on March 27, 2014.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to date	Remarks
1	Ambrose	\$6,400	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
2	Flood	\$6,000	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
3	Di Toro	\$0	\$0	\$0	\$0	EPA/USACE placed subcontract on hold
4	Clough	\$11,457	\$6,200	\$0	\$3,380	Subcontract in place. POP to expire 11/30/2016
5	Prezant	\$13,600	\$7,590	\$0	\$5,776	Subcontract in place. POP to expire 11/30/2016
Total		\$37,457	\$13,790	\$0	\$9,156	

\*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

## WAD 1, WO 4 – Technical Support

### 1.4.1 Technical Support

- 2.5 Hours were inadvertently charged to this Work Element (WE). These hours will be transferred to WE 4.3 in the next reporting period. However, there is also a FY2013 provisional indirect rate adjustment.

## WAD 2, WO 2 - Work Planning: Oversight & Communication

### 2.2.1 Technical Communication

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### 2.2.2 CPG Planning Documents Review

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### 2.2.3 TSI RM 10.9 Water Main Survey

- Participated in a conference call with EPA, USACE and Tierra to discuss responses to comments on the Tierra Solutions, Inc. *Quality Assurance Project Plan for River Mile 10.9 Pipeline Probing Survey, Revision 0, LPRSA* dated September 2014.

Work Element	Cost prior to This Period	Cost This Period	Cost to Date
2.2.2 CPG Planning document Review	\$0	\$0	\$0
2.2.3 TSI RM 10.9 Water Main Survey	\$5,487	\$275	\$5,762
2.4.1 CPG Report Review	\$757	\$0	\$757
2.6.1 Planning Document Review	\$0	\$0	\$0
2.7.2 RM 10.9 Remedial Action Oversight	\$0	\$0	\$0
Total Cost	\$6,244	\$275	\$6,519

## **WAD 2, WO 3 – Field Work Sampling Oversight**

### **2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)**

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### **2.3.2 Water Column, Chemical Data Oversight**

- Finalized work on resolving transposed solids (SS and DS) data reported from the CWCM split samples and updated associated results in the database.
- Paid invoice from Richard Chappell for assistance with evaluating the Wilcoxon Signed Rank (WSR) and Paired Prentice-Wilcoxon (PPW) Tests in cases where there are non-detect values and/or potential data outliers in the split sample data set.

### **2.3.3 RM 10.9 Oversight**

- Work element closed. See WAD2 WO7 for RM 10.9 oversight work. However, there is a FY2013 provisional indirect rate adjustment.

### **2.3.4 LRC Supplemental Sampling Oversight**

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### **2.3.6 Background Sampling Oversight**

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### **2.3.7 LRC SSP2 Oversight**

- Finalized the split sample summary report. The split sample technical memorandum was forwarded to EPA/USACE on October 31, 2014.

## **WAD 2, WO 4 – Report/Products: Oversight and Communications**

### **2.4.1 CPG Report Review**

- Reviewed and provided comments on the CPG's *Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program Characterization Summary, LPRSA RI/FS*, dated October 2014. Comments were forwarded to EPA/USACE on November 14, 2014.
- Received CPG's response to comments and revised *Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014 and initiated review.
- Received CPG's response to comments and revised *Small Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014 and initiated review.
- Received CPG's response to comments and revised *High Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014 and initiated review.
- Performed routine update of report tracking table. No submittal was made.

## **WAD 2, WO 5 – Data Manager**

### **2.5.1 Data Manager (Data/Information Transfer)**

- Provided data management support including responding to multiple inquiries from EPA/USACE, Lower Passaic River team, and partner agencies.
- Reviewed grain size sample results stored in the Passaic River project database to identify ways to improve data retrieval and reporting functionality.



### 2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA/USACE.
- Paid invoice for Enterprise interface usage (EarthSoft).

## **WAD 2, WO 6 – CSO/SWO Sampling Oversight**

### 2.6.1 Planning Documents Review

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### 2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

### 2.6.3 Laboratory Analysis and Coordination

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### 2.6.4 Field Oversight and Collection of Split Samples

- Continued review of *Tierra's Combined Sewer Overflow/Stormwater Outfall Investigation Phase I Evaluation/Recommendation Report –Revision 0*, dated October 2014.
- Continued review of CSO/SWO data validation reports for Phase 1 program samples.
- Received and initiated review of electronic data deliverable error report.

### 2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

## **WAD 2, WO 7 – RM 10.9 Removal Action Oversight**

### 2.7.1 Report Review/Technical Support

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

### 2.7.2 Remedial Action Oversight

- Prepared photo log of post armor stone relocation for the RM 10.9 removal area. Photo log was delivered to EPA/USACE on November 6, 2014.  
Participated in a call with EPA and USACE on November 21, 2014 to review RM 10.9 armor stone relocation photo log.

### 2.7.3 Sampling Analysis

- Finalized work on resolving anomalies with solids data reported from the water quality monitoring split samples and updated associated results in the database.
- Prepared for and participated in two conference calls to discuss the approach to long term monitoring (LTM) strategies for the removal action. The first call on November 18, 2014 was with the EPA (Region 2 and Head Quarters), USACE and CDM Smith to review the agencies' desired approach to LTM. The second on November 19, 2014 included members of the CPG in addition to the agency representatives.

### **WAD 3, WO 1 - Modeling Support**

- Project Management & Support
  - Prepared monthly invoice and writeup.
- Bi-Weekly Conference Calls
  - No activity.
- Project Review Conference Calls & Mod Meetings
  - No activity.
- Transfer of Model Codes/Support
  - No activity.
- Field Oversight
  - No activity.
- Modeling Oversight
  - Analyzed the 2008 LRC finely segmented cores to investigate the relationship between the top 2 cm and the next few layers down to 30 cm (Cores sliced at 2, 5, 10, 30, 60 cm). Plots were revised to include both linear and log scales, dry weight and organic carbon normalized concentrations, and ratios of 2 cm concentration to 10 and 15 cm concentration to explore the potential relationship between shallower concentrations and the 15 cm values used by the FFS. These plots were repeated for the 2005 cores at RM 11 and RM 7.8 as well. The plots show no clear trend in the relationship between the near surface concentration and the 15 cm average.
  - Prepared plots of time series and maps of CPG model D50 in surface and depositional layers to investigate the evolution of the grain size distribution in the model over time and space.
  - Prepared plots of time series, vertical profiles, and maps of CPG model fraction cohesive in surface and depositional layers to investigate whether the model is incorporating the cohesive size classes into bed after deposition.
  - Processed and plotted CPG water column solids fluxes by location and size class to investigate the mass balance around their cohesive solids as an indicator of what may happen with carbon/contaminant transport.
  - Finalized and Submitted comments on November 11, 2014 on the CPGs sediment transport memo dated August 20, 2014.

### **WAD 3, WO 2 - Modeling Collaboration with CPG**

- Project Management and Support
  - Prepared monthly invoice and writeup.
- Weekly Conference Calls/Monthly Technical Meetings
  - No activity.
- Identify Model Differences
  - No activity.
- Data Action/Model Action Items
  - No activity.
- Communication with EPA Project Team
  - Attended bi-weekly calls November 10, and November 25, 2014.
  - Attended weekly status call with EPA, USACE, and CDM Smith on November 3, 10, 18, and 24, 2014.

**WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment**

- No activity. However, there is a FY2013 provisional indirect rate adjustment.

**WAD 5, WO 1 – RI/FS Documents**

- Prepared for and participated in a call with EPA, USACE, HDR, and CPG regarding comments submitted on the FS work plan.

**WAD 5, WO 2 – Data Evaluation**

- Prepared a summary list of technical issues where the EPA/USACE and CPG have disagreement. The document was forwarded to EPA/USACE on November 12, 2014.
- Joined the October 30, 2014 modeling call with EPA, USACE and HDR to discuss comments for CPG regarding map presentation, uncertainty and SWAC.
- Dr. Kern provided follow-up support to his previous work regarding the map presentation, uncertainty and SWAC.

**2. Anticipated Problems and Recommended Solutions**

- None.

**3. Problems Resolved – N/A.****4. Upcoming Events/Activities Planned – CDM Smith will continue working on the following activities:**

- Participate in bi-weekly calls and weekly status calls.
- Review CPG and Tierra documents when received.
- Continue database management and data upload.
- Review analytical data, phase 1 evaluation/recommendations report, and EDD errors from CSO/SWO investigation.
- Continue to formulate data presentation plans and evaluation of uncertainty.
- Review of RAO/PRG technical memorandum when received.
- Prepare for receipt of the RI/FS report documents.

**5. Key Staffing Changes –None.****6. Budget –** See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.**7. Deliverables Submitted**

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO /SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013
Submitted comments on CPG Field Modification FM-13103-1 for the SSP2 Sampling Event	November 4, 2013
Submitted comments on CPG RM 10.9 Removal Action Water Quality Monitoring: Proposed Monitoring During Capping Operations	November 6, 2013
Submitted comments on CPG RM 10.9 Removal Action Cap Active Layer Monitoring: Approach for Carbon Analysis	November 20, 2013
Submitted comments on the CPG Draft 2012 Sediment Toxicity Reference Data Report, dated October 22, 2013	December 2, 2013
Submitted comments on CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013	December 27, 2013
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014
Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10, dated January 31, 2014	February 4, 2014
Meeting Minutes for February 6, 2014 RI/FS Meeting	February 11, 2014
Submitted comments on CPG LRC Supplemental Sampling Program Characterization Summary	March 3, 2014
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Submitted comments on Tierra's Passaic River RM 10.9 Pipeline Survey: Statement of Work	March 21, 2014
Submitted comments on CPG Draft SV CWCM Sampling Program Characterization Summary, dated Feb. 2014	April 1, 2014
2011-2013 Chemical Water Column Monitoring, Small Volume Split Sample Data Comparison	April 14, 2014
Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey	April 22, 2014

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Submitted comments on Tierra RM 10.9 Piping Geophysical Surveys: Parametric Echosounder and Ground Penetrating Radar SOW, QAPP and HASP	May 20, 2014
Submitted comments on Passaic River RM 10.9 Final Armor Layer Survey Technical Memorandum	May 20, 2014
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Submitted BHHRA review comments	July 18, 2014
Forwarded comments on PWCM report	July 24, 2014
Submitted revised BHHRA review comments	July 25, 2014
Submitted compiled comments (incorporating NJDEP comments) on 2012 Background/Reference Sediment Chemistry Data Report	July 30, 2014
Submitted revised CSM comments (incorporating HDR comments)	August 1, 2014
Submitted additional BHHRA review comments	August 1, 2014
Submitted BERA review comments	August 8, 2014
Submitted RM 10.9 RA oversight summary report	August 15, 2014
Submitted comments on final Data Usability and Data Evaluation Plan for Risk Assessment (reviewed NJDEP comments and emailed evaluation)	August 19, 2014
Submitted comments on Appendix G of the BHHRA	August 21, 2014
Submitted Review of CPG's Response to Comments and Additional Comments on the Feasibility Study Work Plan, LPRSA RI/FS, Revision 3	August 29, 2014
Submitted Compiled Comments on the CPG Draft Baseline Human Health Risk Assessment Report	September 4, 2014
Submitted comments on the CPG River Mile 10.9 Removal Action Final Construction Report	September 24, 2014
Submitted lessons learned during RM 10.9 dredging and capping activities	September 25, 2014
Submitted 2012 Background Tissue Split Sampling Data Comparison for the Lower Passaic River Study Area	October 13, 2014
Submitted additional comments on Appendix G of the CPG Draft Baseline Human Health Risk Assessment Report	October 16, 2014
Submitted comments on Tierra Solutions, Inc. Quality Assurance Project Plan for River Mile 10.9 Pipeline Probing Survey, Revision 0	October 22, 2014
Submitted Second Supplemental Sampling Program Split Sample Data Comparison for the Lower Passaic River Study Area	October 31, 2014
Submitted RM 10.9 Post Armor Stone Relocation Photo Log	November 6, 2014
Submitted Summary of Technical Areas of Disagreement with CPG Memorandum	November 12, 2014

Title	Date Submitted
Submitted comments on CPG's LRC Supplemental Sampling Program Addendum Second SSP Characterization Summary	November 14, 2014

## PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and Superfund Site  
Project: Task Order 6424.005 CPG Oversight  
Prepared by: David A. Marabello  
Representing: CDM Federal Programs Corporation (CDM Smith)  
Date: November 24, 2015  
Reporting Period: January 04, 2015 to January 31, 2015

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

### **WAD 1, Work Order (WO) 1 – Project Management and Administration**

#### 1.1.1 Project Management

- CDM Smith performed project management including staffing and financial monitoring.
- CDM Smith prepared and submitted WVN 14 to USACE on January 8, 2015 to request reallocation of existing funding to cover January 2015 operation expenses while the ATP-15 proposal was under review. WVN 14 was approved on January 9, 2015.
- CDM Smith prepared and submitted a revised negotiated cost plus fixed fee proposal to USACE on January 15, 2015 to address comments received on December 17, 2014 and January 12, 2015.
- The CDM Smith project management team met internally to review details on the 2015 proposal, monthly report requirements, project deliverables, project team players and project schedule.
- FedEx shipping charges for distributing project related proposal documents have been captured during this reporting period.

#### 1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the December 2014 monthly progress report to USACE and EPA, including preparation of the monthly cost report.
- In consultation with USACE, CDM Smith continued to work on progress report revisions from May 2013 through November 2014 in order to facilitate cost recovery activities. We addressed USACE comments on tracking labor charge transfers and subcontract status, resolving inconsistencies in some of the reports and invoices, and providing additional details on activities performed. We completed revisions to progress reports for May 2013 through February 2014 within this invoice period.

#### 1.1.3 Subcontract Administration

- CDM Smith performed subcontract maintenance and processed subcontractor invoices for HDR Engineering, Inc.
- CDM Smith processed the quarterly invoice from EarthSoft Inc.

#### 1.1.4 Project Communication

- On January 8 and 20, 2015, CDM Smith updated agendas and participated in bi-weekly conference calls with USACE, EPA, HDR, LBG and Battelle.



- On January 5, 13, 20 and 26, 2015, CDM Smith prepared for and participated in weekly project status calls with USACE and EPA.
- CDM Smith attended a face-to-face meeting with the USACE and EPA project managers on January 29, 2015 at the EPA offices to discuss project management changes and accomplish the formal introduction of a new CDM Smith project manager.

## **WAD 1, WO 2 – Community Relations/Public Website**

### **1.2.1 Public Meeting Support**

- No activity.

### **1.2.2 Fact Sheets**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **1.2.3 Public Website**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **1.2.4 Community Involvement Plan**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

## **WAD 1, WO 3 – Senior Technical Advisors**

### **1.3.1 Senior Technical Advisor**

- No senior technical advisor subcontractor charges were invoiced this reporting period.
- Funding for this WO is \$56,000 through WVN 7 / ATP 13 approved on March 27, 2014.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment Made to Date	Remarks
1	Ambrose	\$6,400	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
2	Flood	\$6,000	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
3	Di Toro	\$0	\$0	\$0	\$0	EPA / USACE placed subcontract on hold
4	Clough	\$11,457	\$6,200	\$0	\$3,380	Subcontract in place. POP to expire 11/30/2016
5	Prezant	\$13,600	\$7,590	\$0	\$5,776	Subcontract in place. POP to expire 11/30/2016
Total		\$37,457	\$13,790	\$0	\$9,156	

\*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

## **WAD 1, WO 4 – Technical Support**

### **1.4.1 Technical Support**

- No activity.

## WAD 2, WO 2 - Work Planning: Oversight & Communication

### 2.2.1 Technical Communication

- No activity.

### 2.2.2 CPG Planning Documents Review

- CDM Smith completed our review and provided comments on the CPG's response to comments and revised *Feasibility Study Work Plan, LPRSA RI/FS, Revision 4*, dated December 23, 2014. On January 19, 2015, we delivered technical review comment memorandum to USACE and EPA.

### 2.2.3 TSI RM 10.9 Water Main Survey

- On January 14, 2015, CDM Smith participated in a field planning conference call with USACE, EPA and Tierra Solutions Inc. (TSI) to finalize logistics for the second field oversight event that occurred in January 2015.
- CDM Smith provided field oversight and prepared field summary reports of the utility pipe probing effort performed from January 22 through 25, 2015. No further efforts are expected for this activity.
- Travel charges related to field oversight activities incurred from December 9 through 17, 2014 have been captured during this reporting period.

Work Element	Cost prior to This Period	Cost This Period	Cost to Date
2.2.2 CPG Planning document Review	\$0	\$0	\$0
2.2.3 TSI RM 10.9 Water Main Survey	\$15,645	\$4,048	\$19,693
2.4.1 CPG Report Review	\$0	\$0	\$0
2.6.1 Planning Document Review	\$0	\$	\$0
2.7.2 RM 10.9 Remedial Action Oversight	\$0	\$0	\$0
Total Cost	\$15,645	\$4,048	\$19,693
<i>All cost transfers from other WEs into WE 2.2.3 have been completed as of the December 2014 invoice period. No further transfers are required; therefore, future reports will not provide this table. See monthly reports prior to January 2015 for the cost transfer history.</i>			

## WAD 2, WO 3 – Field Work Sampling Oversight

### 2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

### 2.3.2 Water Column, Chemical Data Oversight

- No activity.

### 2.3.3 RM 10.9 Oversight

- No activity. Work element closed. See WAD2 WO7 for RM 10.9 oversight work.

### 2.3.4 LRC Supplemental Sampling Oversight

- No activity.

### 2.3.5 Porewater Sampling Oversight

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### 2.3.6 Background Sampling Oversight

- No activity.

### 2.3.7 LRC SSP2 Oversight

- No activity.

## **WAD 2, WO 4 – Report/Products: Oversight and Communications**

### 2.4.1 CPG Report Review

- CDM Smith completed our review and provided comments on the attachments received on CD not previously submitted with the CPG's *Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program Characterization Summary, LPRSA RI/FS*, dated October 2014. Delivered a revised technical review comment memorandum to USACE and EPA on January 30, 2015.
- CDM Smith completed our review and provided comments on the CPG's response to comments and the revised *Low Resolution Coring Supplemental Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014. Delivered an initial technical review comment memorandum to USACE and EPA on January 19, 2015 and a revised memorandum on January 29, 2015.
- CDM Smith continued our review of the CPG's response to comments and the revised *Small Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014.
- CDM Smith continued our review of the CPG's response to comments and the revised *High Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, LPRSA RI/FS*, dated November 2014.
- Updated the LPRSA document tracking table. No submittal was made.

## **WAD 2, WO 5 – Data Manager**

### 2.5.1 Data Manager (Data/ Information Transfer)

- Provided data management support including responding to inquiries from the Lower Passaic River project team.
- Continued modification of the dataset to gather the data into method analyte groups that will improve data retrieval and reporting functionality.

### 2.5.2 Database and Website Management

- Provided ongoing webpage support / and Enterprise interface support.
- Continued to provide webpage management support by updating pages and announcements at the direction of USACE and EPA.
- EarthSoft Inc. provided licensing of the EQUIS Enterprise database user access and submitted an invoice for the fourth quarter 2014.

## **WAD 2, WO 6 – CSO/SWO Sampling Oversight**

### 2.6.1 Planning Documents Review

- Reviewed reporting requirements for electronic deliverables in response to additional questions and in preparation for conference call with TSI and their contractors.

### 2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### 2.6.3 Laboratory Analysis and Coordination

- CDM Smith participated in a conference call on January 13, 2015 with EPA, TSI, and their subcontractor to discuss the listing of valid value errors received from TSI via email on November 25, 2014. Provided response via email on January 16, 2015 regarding population of data fields to properly record sample fractions in the EDD.

### 2.6.4 Field Oversight and Collection of Split Samples

- No activity.
- All reviews have been suspended pending receipt of electronic data files associated with TSI's *Combined Sewer Overflow/Stormwater Outfall Investigation Phase I Evaluation/Recommendation Report –Revision 0*, dated October 2014.

### 2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date; therefore, there is no date, therefore no invoice sheet for this WE.

## **WAD 2, WO 7 – RM 10.9 Removal Action Oversight**

### 2.7.1 Report Review / Technical Support

- Initiated review of the RM 10.9 LTMP which was received on January 26, 2015.

### 2.7.2 Remedial Action Oversight

- No activity.

### 2.7.3 Sampling Analysis

- No activity.

## **WAD 3, WO 1 - Modeling Support**

- Project Management & Support
  - HDR prepared their monthly invoice and write up.
- Bi-Weekly Conference Calls
  - No activity.
- Project Review Conference Calls & Modeling Meetings
  - No activity.
- Transfer of Model Codes/Support
  - No activity.
- Field Oversight
  - HDR reviewed CPG response to comments on the FS work plan and had no additional comments.
  - HDR reviewed the CPG SSP2 report, including maps of data to support comments, and finely segmented cores for the 2 cm discussion in preparation for the depth of exposure meeting scheduled for early February.
- Modeling Oversight
  - HDR reviewed the SSP2 report and provided comments for incorporation into the CDM Smith response submitted on January 30, 2015. See WE 2.4.1 entry.
  - HDR continued to review the sedtran model outputs, which included plots of time series in water column, fluxes, bed elevation changes, bed volume changes and comparisons to FFS and data.

- HDR continued to review the CPG carbon simplification correspondence and model code to confirm simplification was coded consistently with agreement and correctly.
- HDR continued to review the CPG contaminant code and differences from EPA code to summarize changes made by the CPG.
- HDR continued to review the CPG contaminant model output for various media (water column, sediment fluff layer, 2 cm, 10 cm, 15 cm) and comparison to data.
- HDR started to evaluate the implications of CPG's comments about carbon model "upscaling" of resuspension due to active layer thickness.
- HDR reviewed the materials for depth of exposure discussions with the USACE/EPA/CDM Smith team and the CPG scheduled for early February.

### **WAD 3, WO 2 - Modeling Collaboration with CPG**

- Project Management and Support
  - HDR prepared their monthly invoice and write up.
- Weekly Conference Calls/ Monthly Technical Meetings
  - No activity.
- Identify Model Differences
  - No activity.
- Data Action/ Model Action Items
  - No activity.
- Communication with USACE/EPA Project Team
  - HDR attended bi-weekly calls on January 8 and 20, 2015.
  - HDR attended weekly status calls with USACE, EPA and CDM Smith on January 5, 20 and 26, 2015.

### **WAD 4, WO 1 – White Paper Review and Communication**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **WAD 4, WO 2 – Review/Coordinate FFS Risk Assessment**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment**

- CDM Smith reviewed, researched and prepared for a call regarding the 2-cm depth of exposure position that the CPG has put forward as an area of technical disagreement; from a risk assessor's perspective.
- CDM Smith attended conference calls with USACE, EPA and HDR to discuss the depth of exposure technical issues on January 7 and 21, 2015.
- CDM Smith began compiling comments received from EPA, NOAA and NJDEP on the CPG's draft Baseline Ecological Risk Assessment.

### **WAD 5, WO 1 – RI/FS Documents**

- CDM Smith reviewed, researched and prepared a summary of information regarding the 2-cm depth of exposure position that the CPG has put forward as an area of technical disagreement; from a remedial investigator's perspective.
- CDM Smith attend conference calls with USACE, EPA and HDR to discuss the depth of exposure technical issues on January 7 and 21, 2015.

- CDM Smith prepared a summary table containing sediment quality triad (SQT) sample information from the 2009 and 2010 benthic study programs and the 2005 sediment profile imaging (SPI) survey data related to the depth of exposure question. Submitted this information via email on January 21, 2015.
- Travel charges related to attendance at the December 12, 2014 project team meeting at the EPA offices in New York City have been captured in this reporting period.

## **WAD 5, WO 2 – Data Evaluation**

- CDM Smith prepared summary figures displaying SQT sample data and SPI investigations location relationship in preparation for the depth of exposure meeting. Submitted this information via email on January 23, 2015.

### **2. Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:

- Participate in bi-weekly calls and weekly status calls.
- Review CPG and TSI documents when received.
- Continue database management and data uploads as needed.
- Review analytical data, phase 1 evaluation / recommendations report, and EDD received from CSO/SWO investigation.
- Continue to formulate data presentation plans and evaluation of uncertainty.
- Review of RAO/PRG technical memorandum when received.
- Prepare for and participate in technical meeting with CPG to discuss depth of exposure sediment layer.
- Prepare for receipt of the RI/FS report documents.

### **3. Key Staffing Changes** –David A. Marabello, P.E., BCEE assumed the CDM Smith project manager role during this reporting period.

### **4. Budget** – See attached cost spreadsheet for negotiated budget, funded amount and expenditure details.

### **5. Deliverables Submitted**

*(The full list of references prior to 2013 can be found in the April 2014 or earlier monthly reports. The full list of deliverables submitted from January 3, 2013 through December 27, 2013 can be found in the December 2014 monthly progress report.)*

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014
Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10, dated January 31, 2014	February 4, 2014
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Submitted comments on CPG's Response to Comments and Revised Low Resolution Coring Supplemental Sampling Program Characterization Summary	January 19, 2015
Submitted revised comments on CPG's Response to Comments and Revised Low Resolution Coring Supplemental Sampling Program Characterization Summary	January 29, 2015
Submitted revised comments on CPG's Response to Comments and Revised Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program Characterization Summary	January 30, 2015